WEST

End of Result Set

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L6: Entry 124 of 124

File: DWPI

Sep 30, 1990

DERWENT-ACC-NO: 1991-250677

DERWENT-WEEK: 199134

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TITLE: Light and fire-proofing of cotton-flat textile materials - by treatment with aq. soln. contg. oak extract and potassium hexa:cyano-ferrate and with fire-proofing soln.

INVENTOR: FROLOV, B I; ILIN, A A ; KHODYREV, V I

PATENT-ASSIGNEE:

ASSIGNEE

CODE

FLAX FIBRE RES INST

FLAXR

PRIORITY-DATA: 1988SU-4382057 (February 22, 1988)

PATENT-FAMILY:

PUB-NO

PUB-DATE

LANGUAGE

PAGES MAIN-IPC

SU 1595975 A

September 30, 1990

N/A

000

N/A

APPLICATION-DATA:

PUB-NO

APPL-DATE

APPL-NO

DESCRIPTOR

SU 1595975A

February 22, 1988

1988SU-4382057

N/A

INT-CL (IPC): D06M 11/55; D06M 13/32

ABSTRACTED-PUB-NO: SU 1595975A

BASIC-ABSTRACT:

The method comprises treatment of fabric with aq. soln. contg. 15-23 g/l oak extract and 20-60 g/l of potassium hexacyanoferrate, dyeing in compsn. contg. 20-60 g/l of salt of multivalent metal, washing and impregnating twice with fireproofing soln. contg. 80-120 g/l orthophosphoric acid 150-200 g/l urea and 10-60 g/l of hexamethylene tetramine at 35-40 deg.C, for 20-60 mins. Then the fabric is dried to final moisture content 6-8%. Ammonium-iron sulphate, cobalt sulphate, nickel sulphate or copper sulphate can be used as multivalent metal salt, and the fireproofing soln. can additionally contains 15-25% g/l of potassium bichromate.

Tests show that the strength of the material after 65 hrs. of UV irradiation is upto 95.1% of initial strength for warp and up to 100% of initial strength for weft compared to 39.5% and 82.4%, respectivel y, for the fabric treated with the known method. The resistance to searing (burning through) is increased up to 193s.

USE/ADVANTAGE - In finishing of special purpose textiles, esp. fabrics used for prodn. of working clothes for welders and metallurgical workers. Increased resistance to searing and light resistance of material are obtd. Bul.36/30.9.90

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: LIGHT FIRE PROOF COTTON FLAT TEXTILE MATERIAL TREAT AQUEOUS SOLUTION CONTAIN OAK EXTRACT POTASSIUM HEXA CYANO FERRATE FIRE PROOF SOLUTION

DERWENT-CLASS: E37 F06

CPI-CODES: E32-B; F03-C03; F03-C07; F03-F14;

CHEMICAL-CODES:

Chemical Indexing M3 *01*
 Fragmentation Code
 Al19 A426 A940 A980 C106 C107 C730 C801 C802 C803
 C806 C807 M411 M781 M903 M904 M910 Q322 Q323 Q621
 Q623
 Specfic Compounds
 01975U

UNLINKED-DERWENT-REGISTRY-NUMBERS: 1975U

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1991-109140

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(FILE 'HOME' ENTERED AT 17:11:22 ON 28 JUN 2001)

	(and the second
L1	FILE 'REGISTRY' ENTERED AT 17:11:27 ON 28 JUN 2001 1 SEA FERRATE/CN D
L2 L3 L4 L5	0 SEA FERRIC ACID/CN 0 SEA FERRIC TETROXIDE 0 SEA FERRIC TETRAOXIDE 5 SEA IRON TETRAOXIDE D 1-
JUN	FILE 'EMBASE, BIOSIS, EUROPATFULL, JAPIO, ADISALERTS, ADISINSIGHT, BABS, BIOBUSINESS, BIOCOMMERCE, BIOTECHNO, CANCERLIT, CAPLUS, CBNB, CEN, CIN, CONFSCI, DGENE, DIOGENES, DRUGB, DRUGLAUNCH, DRUGMONOG2, DRUGNL, DRUGU, DRUGUPDATES, EMBAL, ESBIOBASE, IFIPAT,' ENTERED AT 17:19:57 ON 28
L6 OR	2001 273657 SEA FERRATE OR FERRIC ACID OR (FERRIC OR IRON) (10A) (OXIDE
TETRA	OXIDES OR TETROXIDE OR TETROXIDES OR TETRAOXIDE OR AOXIDES)
L7	110 SEA L6 (500A) ((CLOT OR CLOTTING OR CLOTS OR COAGUL?) (50A) BLOOD OR HEMOSTAT?)
L8	79 DUP REM L7 (31 DUPLICATES REMOVED) D 1- D 37 IALL D 25 IALL D 24 IALL
L9 L10 L11 L12	· · · · · · · · · · · · · · · · · · ·

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L1

(FILE 'HOME' ENTERED AT 15:39:26 ON 28 JUN 2001) FILE 'REGISTRY' ENTERED AT 15:40:18 ON 28 JUN 2001 1 SEA FERRATE/CN L*** DEL 0 S POTASSUM FERRATE/CN

L3 1 SEA POTASSIUM FERRATE/CN L*** DEL 0 S K2 FE 04 L*** DEL 0 S FE K2 O4 L61 SEA FEK204

L*** DEL 0 S MNKO4 L*** DEL 0 S KMNO4 L*** DEL 0 S K MN 04 L*** DEL 0 S MN K O4

L1110 SEA POTASSIUM MANGANATE

D 1-L*** DEL 0 S KMNO4 L*** DEL 0 S MNKO4 L*** DEL 201 S MNO4 L*** DEL

0 S MNO4/CN L*** DEL 0 S MN 04/CN L*** DEL 9 S MN 04

D 1-L*** DEL 93 S NA202 D 93

L19 1 SEA SODIUM PEROXIDE/CN L*** DEL

0 S KIO2/CN L*** DEL 0 S KIO3/CN L22 1 SEA KIO3

L23 1 SEA MANGANATE/CN

L24 3 SEA MAGNESIUM TETRAOXIDE D 1-

L25 3 SEA MANGANESE TETROXIDE D 1-

FILE 'CAPLUS' ENTERED AT 15:50:38 ON 28 JUN 2001

L26 1399416 SEA L1 OR L3 OR L6 OR L11 OR L19 OR L22 OR FERRATE OR FERRIC OXIDE OR MANGANATE OR PEROXIDE OR OXIDE OR PEROXIDES OR

OXIDES

OR IODATE OR IODATES OR TETROXIDE OR TETROXIDES 1406773 SEA L26 OR PEROXY OR PEROXYGEN OR OXY ACID OR OXY ACIDS OR L27 OXYACIDS OR OXYACID

L28 23304 SEA L27 AND BLOOD

L29 664 SEA L28 AND (CLOT? OR COAGUL?) L30 9990 SEA L27 (50A) BLOOD

L31 163 SEA L30 (50A) (CLOT? OR COAGUL?) D 1-

D 163 IALL

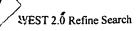
L32 156 SEA L30 (50A) (CLOT OR CLOTS OR CLOTTING OR COAGUL?)

D 1-

D 156 IALL

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1 SEA L32 AND (CATION EXCHANG?)
L33
                 D
                 D IALL
L34
               3 SEA L32 AND ION EXCHANG?
                 D 1-
                 D 3 KWIC
L35
             153 SEA L32 NOT L34
                 D 1-
                 D 151 IALL
                 D 149 IALL
                 D 143 IALL
                 D 101 KWIC
                 D 101 IALL
              10 SEA (CATION EXCHANG?) (50A) (CLOT OR CLOTS OR CLOTTING OR
L36
                 COAGUL? OR HEMOSTAT?) (50A) BLOOD
                 D 1-
                 D 10 IALL
     FILE 'EMBASE, BIOSIS, EUROPATFULL, JAPIO, ADISALERTS, ADISINSIGHT, BABS,
     BIOBUSINESS, BIOCOMMERCE, BIOTECHNO, CANCERLIT, CAPLUS, CBNB, CEN, CIN, CONFSCI, DGENE, DIOGENES, DRUGB, DRUGLAUNCH, DRUGMONOG2, DRUGNL, DRUGU,
     DRUGUPDATES, EMBAL, ESBIOBASE, IFIPAT, ... 'ENTERED AT 16:17:11 ON 28
JUN
     2001
L37
              48 SEA L36
              33 DUP REM L37 (15 DUPLICATES REMOVED)
L38
                 D 1-33
                 D 27 IALL
                 D 3 KWIC
           1779 SEA (CATION EXCHANG? (50A) (POLYMER OR POLYMERS OR RESIN OR
L39
                 RESING) OR DIVINYLBENZENE OR STYRENE) AND (CLOT OR CLOTS OR
                 CLOTTING OR COAGUL? OR HEMOSTAT?) (50A) BLOOD
             168 SEA (CATION EXCHANG? (50A) (POLYMER OR POLYMERS OR RESIN OR
L40
                 RESINS) OR DIVINYLBENZENE OR STYRENE) (100A) (CLOT OR CLOTS
OR
                 CLOTTING OR COAGUL? OR HEMOSTAT?) (50A) BLOOD
L41
             103 DUP REM L40 (65 DUPLICATES REMOVED)
              97 SEA L41 NOT L37
L42
                 D 96 IALL
                 D 16 IALL
                 D 15
                 D 1-14
              88 SEA (CATION EXCHANG? (50A) (POLYMER OR POLYMERS OR RESIN OR
L43
                 RESINS) OR DIVINYLBENZENE AND STYRENE) AND (BANDAGE OR
                 BANDAGES OR DRESSING OR DRESSINGSCLOT OR CLOTS OR CLOTTING OR
                 COAGUL? OR HEMOSTAT?) AND HEMOSTAT?
L44
              87 DUP REM L43 (1 DUPLICATE REMOVED)
              19 SEA (CATION EXCHANG? (50A) (POLYMER OR POLYMERS OR RESIN OR
L45
                 RESINS) OR DIVINYLBENZENE AND STYRENE) AND (BANDAGE OR
                 BANDAGES OR DRESSING OR DRESSINGS) AND HEMOSTAT?
L46
              18 DUP REM L45 (1 DUPLICATE REMOVED)
                 D 1-
                 D 18 KWIC
                 D 17 KWIC
                 D 16 KQIX
                 D 14 KWIC
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D 10 KWIC D 9 KWIC D 8 KWIC D 1-7 L47 535 SEA (CATION EXCHANG? (50A) (POLYMER OR POLYMERS OR RESIN OR RESINS) OR DIVINYLBENZENE AND STYRENE) AND (BANDAGE OR BANDAGES OR DRESSING OR DRESSINGS) L48 526 DUP REM L47 (9 DUPLICATES REMOVED) 9 SEA (CATION EXCHANG? (50A) (POLYMER OR POLYMERS OR RESIN OR L49 RESINS) OR DIVINYLBENZENE (10A) STYRENE) (100A) (BANDAGE OR BANDAGES OR DRESSING OR DRESSINGS) D 1-D 3 IALL L50 10 SEA (CATION EXCHANG? (50A) (POLYMER OR POLYMERS OR RESIN OR RESINS) OR DIVINYLBENZENE (10A) STYRENE) (1000A) (BANDAGE OR BANDAGES OR DRESSING OR DRESSINGS) D 1-10



Search History

Today's Date: 6/28/2001

DB Name	Query	<u>Hit</u> Count	<u>Set</u> <u>Name</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	(oxy acid or oxyacid) and (blood or bleed\$10) near (clot\$10 or stop\$10 or arrest\$10 or coagul\$10) not (l21 or l17 or l15 or l14 or l10 or l6)	10	<u>L24</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	122 and blood	157	<u>L23</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	l21 not (l17 or l15 or l14 or l10 or l6)	158	<u>L22</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	120 and (blood or bleed\$10) near (clot\$10 or stop\$10 or arrest\$10 or coagul\$10)	159	<u>L21</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	(potassium ferrate or potassium manganate or sodium oxide or disodium dioxide or sodium peroxide or disodium peroxide or potassium iodate or k".sub.2"feo".sub.4" or feo".sub.4" or feo".sub.4" or kmno".sub.4" or mno".sub.4" or mno".sub.4" or sodium hydrogen sul\$2ate or na h so".sub.4")	13024	<u>L20</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	118 and (potassium ferrate or potassium manganate or sodium oxide or disodium dioxide or sodium peroxide or disodium peroxide or potassium iodate or k".sub.2"feo".sub.4" or feo".sub.4" or feo".sub.4" or mno".sub.4" or mno".sub.4" or sodium sub.3" or nahso".sub.4" or sodium sul\$2ate or sodium hydrogen sul\$2ate)	47	<u>L19</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	117 not (115 or 114 or 110 or 16)	104	<u>L18</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	116 and (blood or clot\$10 or coagul\$10)	116	<u>L17</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	(oxyacid or oxy acid) and (cation or ion) near exchange\$5	444	<u>L16</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	4291980	12	<u>L15</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	5474782 or 4545974 or 6187347	22	<u>L14</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	5475782 or 4545974 or 6187347	39	<u>L13</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	5475782 or 4545974 or 5187347	44	<u>L12</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	110 not 16	25	<u>L11</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	19 and blood	42	<u>L10</u>

USPT,PGPB,JPAB,EPAB,DWPI,TDBD	fe o".sub.4" or ferrate or feo4 or feo".sub.4" or 2k".sub.2"feo".sub."4 or k".sub.2"feo".sub."4	1236	<u>L9</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	15 and fe o".sub.4"	4	<u>L8</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	1595975	8	<u>L7</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	15 and (ferrate or feo4 or feo".sub.4" or k".sub.2"feo".sub."4)	124	<u>L6</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	(clot\$5 or coagul\$10 or hemostat\$5)	355810	<u>L5</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	l2 and (ferrate or feo4 or feo".sub.4" or k".sub.2"feo".sub."4)	1	<u>L4</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	12 and (ferrate or feo4 or feo".sub.4")	1	<u>L3</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	<pre>11 and (clot\$5 or coagul\$10 or hemostat\$5)</pre>	1450	<u>L2</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	424/400 or 424/443 or 424/445 or 424/446 or 424/447 or 424/600 or 424/613 or 424/615 or 424/616 or 424/617 or 424/618 or 424/620 or 424/621 or 424/629 or 424/630 or 424/638 or 424/639 or 424/641 or 424/642 or 424/644 or 424/646 or 424/647 or 424/648 or 424/649 or 424/650 or 424/652 or 424/653 or 424/654 or 424/657 or 424/650 or 424/660 or	9499	<u>L1</u>

USPT,PGPB,JPAB,EPAB,DWPI,TDBD 128 and (oxy acid or oxyacid or peroxygen) 130				
USPT,PGPB,JPAB,EPAB,DWPI,TDBD USPT,P	USPT,PGPB,JPAB,EPAB,DWPI,TDBI		71	<u>L31</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	USPT,PGPB,JPAB,EPAB,DWPI,TDBI	,	0	<u>L30</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	USPT,PGPB,JPAB,EPAB,DWPI,TDBI	,	0	<u>L29</u>
oxide or superoxide) near (alkali\$10) USPT,PGPB,JPAB,EPAB,DWPI,TDBD USPT,PGPB,JPAB,EPAB,DWP	USPT,PGPB,JPAB,EPAB,DWPI,TDBI		19571	<u>L28</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD USPT,P	USPT,PGPB,JPAB,EPAB,DWPI,TDBD		37	<u>L27</u>
Super oxide USPT,PGPB,JPAB,EPAB,DWPI,TDBD	USPT,PGPB,JPAB,EPAB,DWPI,TDBD	(clot\$10 or stop\$10 or arrest\$10 or	3400	<u>L26</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD bleed\$10) near (clot\$10 or stop\$10 or arrest\$10 or coagul\$10) not (l21 or l17 or l15 or l14 or l10 or l6) USPT,PGPB,JPAB,EPAB,DWPI,TDBD l22 and blood l58 l22 and blood l58 l22 l23 l29 l22 and blood l58 l22 l24 l29 l29 l29 l29 l29 l29 l29 l29 l20	USPT,PGPB,JPAB,EPAB,DWPI,TDBD		1132506	<u>L25</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD 121 not (117 or 115 or 114 or 110 or 16) 158 L22 USPT,PGPB,JPAB,EPAB,DWPI,TDBD (clot\$10 or stop\$10 or arrest\$10 or coagul\$10) (potassium ferrate or potassium manganate or sodium peroxide or disodium peroxide or potassium iodate or k".sub.2"feo".sub.4" or feo".sub.4" or mno".sub.4" or mno".sub.4" or mno".sub.4" or mno".sub.4" or mno".sub.4") 118 and (potassium ferrate or potassium iodate or kio".sub.3" or nahso".sub.4" or sodium hydrogen sul\$2ate or na h so".sub.4") 118 and (potassium ferrate or potassium manganate or sodium oxide or disodium dioxide or sodium oxide or disodium peroxide or disodium peroxide or disodium peroxide or disodium peroxide or of sodium oxide or sodium peroxide or disodium peroxide or disodium peroxide or potassium iodate or k".sub.2"feo".sub.4" or feo".sub.4" or feo".sub.4" or mno".sub.4" or mno".sub.4" or mno".sub.4" or mno".sub.4" or mno".sub.4" or sodium sul\$2ate or sodium hydrogen sul\$2ate) USPT,PGPB,JPAB,EPAB,DWPI,TDBD 117 not (115 or 114 or 110 or 16) 104 L18	USPT,PGPB,JPAB,EPAB,DWPI,TDBD	bleed\$10) near (clot\$10 or stop\$10 or arrest\$10 or coagul\$10) not (l21 or l17	10	<u>L24</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD 121 not (117 or 115 or 114 or 110 or 16) 158 L22 USPT,PGPB,JPAB,EPAB,DWPI,TDBD (clot\$10 or stop\$10 or arrest\$10 or coagul\$10) (potassium ferrate or potassium manganate or sodium oxide or disodium peroxide or potassium iodate USPT,PGPB,JPAB,EPAB,DWPI,TDBD or k".sub.2"feo".sub.4" or feo".sub.4" or mno".sub.4" or mno".sub.4" or mno".sub.4" or sodium hydrogen sul\$2ate or na h so".sub.4") 118 and (potassium ferrate or potassium iodate via:"sub.3" or nahso".sub.4" or sodium hydrogen sul\$2ate or na h so".sub.4" or disodium peroxide or disodium peroxide or odisodium peroxide or odisodium peroxide or odisodium peroxide or odisodium peroxide or potassium iodate uspranganate or sodium oxide or sodium oxide or sodium peroxide or disodium peroxide or potassium iodate uspranganate or sodium oxide or sodium oxide or sodium oxide or sodium peroxide or disodium peroxide or potassium iodate uspranganate or sodium oxide or sodium oxide or sodium sub.4" or mno".sub.4" or feo".sub.4" or feo".sub.4" or feo".sub.4" or feo".sub.4" or sodium sul\$2ate or sodium hydrogen sul\$2ate) USPT,PGPB,JPAB,EPAB,DWPI,TDBD 117 not (115 or 114 or 110 or 16) 104 L18	USPT,PGPB,JPAB,EPAB,DWPI,TDBD	l22 and blood	157	<u>L23</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD (clot\$10 or stop\$10 or arrest\$10 or coagul\$10) (potassium ferrate or potassium manganate or sodium oxide or disodium dioxide or sodium peroxide or disodium peroxide or potassium iodate USPT,PGPB,JPAB,EPAB,DWPI,TDBD or k".sub.2"fec".sub.4" or feo".sub.4" or mno".sub.4" or mno".sub.4" or mno".sub.4" or sodium hydrogen sul\$2ate or na h so".sub.4") 118 and (potassium ferrate or potassium manganate or sodium peroxide or disodium dioxide or sodium peroxide or disodium dioxide or sodium peroxide or disodium peroxide or disodium peroxide or potassium iodate USPT,PGPB,JPAB,EPAB,DWPI,TDBD or k".sub.2"feo".sub.4" or feo".sub.4" or feo".sub.4" or mno".sub.4" or sodium sul\$2ate or sodium hydrogen sul\$2ate) USPT,PGPB,JPAB,EPAB,DWPI,TDBD 117 not (115 or 114 or 110 or 16) 104 L18	USPT,PGPB,JPAB,EPAB,DWPI,TDBD	l21 not (117 or 115 or 114 or 110 or 16)	158	L22
manganate or sodium oxide or disodium peroxide or obsidum peroxide or potassium iodate USPT,PGPB,JPAB,EPAB,DWPI,TDBD or k".sub.2"feo".sub.4" or feo".sub.4" or mno".sub.4" or mno".sub.4" or sodium hydrogen sul\$2ate or na h so".sub.4") 118 and (potassium ferrate or potassium manganate or sodium oxide or disodium dioxide or sodium peroxide or disodium peroxide or potassium iodate USPT,PGPB,JPAB,EPAB,DWPI,TDBD or k".sub.4" or feo".sub.4" or feo".sub.4" or mno".sub.4" or mno".sub.4" or mno".sub.4" or mno".sub.4" or mno".sub.4" or mno".sub.4" or sodium sub.4" or s	USPT,PGPB,JPAB,EPAB,DWPI,TDBD	(clot\$10 or stop\$10 or arrest\$10 or	159	
manganate or sodium oxide or disodium dioxide or sodium peroxide or disodium peroxide or potassium iodate USPT,PGPB,JPAB,EPAB,DWPI,TDBD or k".sub.2"feo".sub.4" or feo".sub.4" or fe o".sub.4" or kmno".sub.4" or mno".sub.4" or mn o".sub.4" or kio".sub.3" or nahso".sub.4" or sodium sul\$2ate or sodium hydrogen sul\$2ate) USPT,PGPB,JPAB,EPAB,DWPI,TDBD 117 not (115 or 114 or 110 or 16) 104 L18	USPT,PGPB,JPAB,EPAB,DWPI,TDBD	manganate or sodium oxide or disodium dioxide or sodium peroxide or disodium peroxide or potassium iodate or k".sub.2"feo".sub.4" or feo".sub.4" or fe o".sub.4" or kmno".sub.4" or mno".sub.4" or mn o".sub.4" or kio".sub.3" or nahso".sub.4" or sodium	13024	<u>L20</u>
	USPT,PGPB,JPAB,EPAB,DWPI,TDBD	manganate or sodium oxide or disodium dioxide or sodium peroxide or disodium peroxide or potassium iodate or k".sub.2"feo".sub.4" or feo".sub.4" or fe o".sub.4" or kmno".sub.4" or mno".sub.4" or mno".sub.4" or sodium	47	<u>L19</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD 116 and (blood or clot\$10 or coagul\$10) 116 <u>L17</u>	USPT,PGPB,JPAB,EPAB,DWPI,TDBD	117 not (115 or 114 or 110 or 16)	104	<u>L18</u>
	USPT,PGPB,JPAB,EPAB,DWPI,TDBD	116 and (blood or clot\$10 or coagul\$10)	116	<u>L17</u>

USPT,PGPB,JPAB,EPAB,DWPI,TDBD	(oxyacid or oxy acid) and (cation or ion) near exchange\$5	444	<u>L16</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	, c	12	L15
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	5474782 or 4545974 or 6187347	22	<u>L14</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	5475782 or 4545974 or 6187347	39	<u>L13</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	5475782 or 4545974 or 5187347	44	<u>L12</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	110 not 16	25	<u>L11</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	l9 and blood	42	<u>L10</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	fe o".sub.4" or ferrate or feo4 or feo".sub.4" or 2k".sub.2"feo".sub."4 or k".sub.2"feo".sub."4	1236	<u>L9</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	15 and fe o".sub.4"	4	<u>L8</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	1595975	8	<u>L7</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	15 and (ferrate or feo4 or feo".sub.4" or k".sub.2"feo".sub."4)	124	<u>L6</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	(clot\$5 or coagul\$10 or hemostat\$5)	355810	<u>L5</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	12 and (ferrate or feo4 or feo".sub.4" or k".sub.2"feo".sub."4)	1	<u>L4</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	12 and (ferrate or feo4 or feo".sub.4")	1	<u>L3</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	11 and (clot\$5 or coagul\$10 or hemostat\$5)	1450	<u>L2</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	424/400 or 424/443 or 424/445 or 424/446 or 424/447 or 424/600 or 424/613 or 424/615 or 424/616 or 424/617 or 424/618 or 424/620 or 424/621 or 424/629 or 424/630 or 424/638 or 424/639 or 424/641 or 424/642 or 424/644 or 424/646 or 424/647 or 424/648 or 424/649 or 424/650 or 424/652 or 424/653 or 424/654 or 424/655 or 424/661 or 424/667 or 424/673 or 424/682 or 424/703 or 424/709 or 424/713 or 424/719 or 424/722 or 514/642 or 514/834	9499	<u>L1</u>



WEST

End of Result Set

Generate Collection

L6: Entry 124 of 124

File: DWPI

Sep 30, 1990

DERWENT-ACC-NO: 1991-250677

DERWENT-WEEK: 199134

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TITLE: Light and fire-proofing of cotton-flat textile materials - by treatment with aq. soln. contg. oak extract and potassium hexa:cyano-ferrate and with fire-proofing soln.

INVENTOR: FROLOV, B I; ILIN, A A ; KHODYREV, V I

PATENT-ASSIGNEE:

ASSIGNEE

CODE

FLAX FIBRE RES INST

FLAXR

PRIORITY-DATA: 1988SU-4382057 (February 22, 1988)

PATENT-FAMILY:

PUB-NO

PUB-DATE

LANGUAGE

PAGES

MAIN-IPC

SU 1595975 A

September 30, 1990

N/A

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N/A

APPLICATION-DATA:

PUB-NO

APPL-DATE

APPL-NO

DESCRIPTOR

SU 1595975A

February 22, 1988

1988SU-4382057

N/A

INT-CL (IPC): D06M 11/55; D06M 13/32

ABSTRACTED-PUB-NO: SU 1595975A

BASIC-ABSTRACT:

The method comprises treatment of fabric with aq. soln. contg. 15-23 g/l oak extract and 20-60 g/l of potassium hexacyanoferrate, dyeing in compsn. contg. 20-60 g/l of salt of multivalent metal, washing and impregnating twice with fireproofing soln. contg. 80-120 g/l orthophosphoric acid 150-200 g/l urea and 10-60 g/l of hexamethylene tetramine at 35-40 deg.C, for 20-60 mins. Then the fabric is dried to final moisture content 6-8%. Ammonium-iron sulphate, cobalt sulphate, nickel sulphate or copper sulphate can be used as multivalent metal salt, and the fireproofing soln. can additionally contains 15-25% g/l of potassium bichromate.

Tests show that the strength of the material after 65 hrs. of UV irradiation is upto 95.1% of initial strength for warp and up to 100% of initial strength for weft compared to 39.5% and 82.4%, respectivel y, for the fabric treated with the known method. The resistance to searing (burning through) is increased up to 193s.

USE/ADVANTAGE - In finishing of special purpose textiles, esp. fabrics used for prodn. of working clothes for welders and metallurgical workers. Increased resistance to searing and light resistance of material are obtd. Bul.36/30.9.90

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: LIGHT FIRE PROOF COTTON FLAT TEXTILE MATERIAL TREAT AQUEOUS SOLUTION CONTAIN OAK EXTRACT POTASSIUM HEXA CYANO FERRATE FIRE PROOF SOLUTION

DERWENT-CLASS: E37 F06

CPI-CODES: E32-B; F03-C03; F03-C07; F03-F14;

CHEMICAL-CODES:

Chemical Indexing M3 *01*
 Fragmentation Code
 Al19 A426 A940 A980 C106 C107 C730 C801 C802 C803
 C806 C807 M411 M781 M903 M904 M910 Q322 Q323 Q621
 Q623
 Specfic Compounds
 01975U

UNLINKED-DERWENT-REGISTRY-NUMBERS: 1975U

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1991-109140